

Section II
Soil and Site Information

Construction Materials Table 2
Minnehaha County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

| Map symbol and soil name | Pct. of map unit | Potential source of reclamation material | | Potential source of roadfill | | Potential source of topsoil | |
|-----------------------------|---------------------------|---|--------------|--|----------------------|--|----------------------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| AcA: Alcester----- | 90 | Good | | Poor Low strength Shrink-swell | 0.00 0.87 | Good | |
| AcB: Alcester----- | 90 | Good | | Poor Low strength Shrink-swell | 0.00 0.87 | Good | |
| Ar: Arlo----- | 80 | Fair Low content of organic matter Carbonate content | 0.12 0.68 | Poor Depth to saturated zone | 0.00 | Poor Depth to saturated zone Carbonate content Hard to reclaim | 0.00 0.68 0.82 |
| Ba: Baltic----- | 90 | Poor Too clayey Water erosion | 0.00 0.99 | Poor Depth to saturated zone Low strength Shrink-swell | 0.00 0.00 0.12 | Poor Depth to saturated zone Too Clayey | 0.00 0.00 |
| Bb: Baltic----- | 90 | Poor Too clayey Water erosion | 0.00 0.99 | Poor Depth to saturated zone Low strength Shrink-swell | 0.00 0.00 0.12 | Poor Depth to saturated zone Too Clayey | 0.00 0.00 |
| BcA: Benclare----- | 60 | Poor Too clayey Low content of organic matter | 0.00 0.12 | Poor Low strength Shrink-swell | 0.00 0.12 | Poor Too Clayey | 0.00 |
| Corson----- | 30 | Poor Too clayey Low content of organic matter | 0.00 0.50 | Poor Low strength Shrink-swell | 0.00 0.12 | Poor Too Clayey | 0.00 |

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| Map symbol and soil name | Pct. of map unit | Potential source of reclamation material | | Potential source of roadfill | | Potential source of topsoil | |
|-----------------------------|---------------------------|--|----------------------|--|----------------------|--|--------------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| BeE: Betts----- | 45 | Fair Low content of organic matter Carbonate content Water erosion | 0.12 0.92 0.99 | Poor Slope Low strength Shrink-swell | 0.00 0.00 0.87 | Poor Slope Carbonate content | 0.00 0.92 |
| Ethan----- | 35 | Fair Low content of organic matter Carbonate content Water erosion | 0.12 0.68 0.99 | Poor Slope Low strength Shrink-swell | 0.00 0.00 0.87 | Poor Slope Carbonate content | 0.00 0.68 |
| BfA: Blendon----- | 85 | Fair Low content of organic matter | 0.12 | Good | | Good | |
| BhB: Blendon----- | 55 | Fair Low content of organic matter | 0.12 | Good | | Good | |
| Henkin----- | 25 | Fair Low content of organic matter | 0.12 | Good | | Good | |
| Bo: Bon----- | 85 | Good | | Fair Low strength | 0.22 | Good | |
| Cb: Chancellor----- | 80 | Poor Too clayey Low content of organic matter Water erosion | 0.00 0.50 0.90 | Poor Low strength Depth to saturated zone Shrink-swell | 0.00 0.00 0.12 | Poor Too Clayey Depth to saturated zone | 0.00 0.00 |
| Cc: Chancellor----- | 50 | Poor Too clayey Low content of organic matter Water erosion | 0.00 0.50 0.90 | Poor Low strength Depth to saturated zone Shrink-swell | 0.00 0.00 0.12 | Poor Too Clayey Depth to saturated zone | 0.00 0.00 |

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|-----------------------------|---------------------------|---|--------------------------|--|----------------------|--|--------------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| Tetonka----- | 30 | Poor Too clayey Low content of organic matter Water erosion | 0.00 0.50 0.99 | Poor Depth to saturated zone Low strength Shrink-swell | 0.00 0.00 0.25 | Poor Depth to saturated zone Too Clayey | 0.00 0.00 |
| Cd: Chaska----- | 80 | Fair Low content of organic matter | 0.88 | Poor Depth to saturated zone | 0.00 | Poor Depth to saturated zone | 0.00 |
| Ch: Chaska----- | 75 | Fair Low content of organic matter | 0.88 | Fair Depth to saturated zone | 0.53 | Fair Depth to saturated zone | 0.53 |
| Cm: Clamo----- | 90 | Poor Too clayey Water erosion | 0.00 0.99 | Poor Low strength Depth to saturated zone Shrink-swell | 0.00 0.00 0.12 | Poor Too Clayey Depth to saturated zone | 0.00 0.00 |
| CoB: Corson----- | 80 | Poor Too clayey Low content of organic matter | 0.00 0.50 | Poor Low strength Shrink-swell | 0.00 0.12 | Poor Too Clayey | 0.00 |
| CoC: Corson----- | 80 | Poor Too clayey Low content of organic matter | 0.00 0.50 | Poor Low strength Shrink-swell | 0.00 0.12 | Poor Too Clayey | 0.00 |
| CpC: Corson----- | 55 | Poor Too clayey Low content of organic matter | 0.00 0.50 | Poor Low strength Shrink-swell | 0.00 0.12 | Poor Too Clayey | 0.00 |

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| Map symbol and soil name | Pct. of map unit | Potential source of reclamation material | | Potential source of roadfill | | Potential source of topsoil | |
|-----------------------------|---------------------------|---|--------------|---|----------------------|---------------------------------------|-------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| Henkin----- | 25 | Fair Low content of organic matter | 0.12 | Good | | Good | |
| CrD: Crofton----- | 45 | Fair Low content of organic matter Water erosion | 0.12 0.90 | Poor Low strength | 0.00 | Fair Slope | 0.37 |
| Nora----- | 40 | Fair Low content of organic matter Water erosion | 0.50 0.90 | Poor Low strength Shrink-swell | 0.00 0.87 | Fair Slope | 0.37 |
| CrE: Crofton----- | 55 | Fair Low content of organic matter Water erosion | 0.12 0.90 | Poor Low strength Slope | 0.00 0.50 | Poor Slope | 0.00 |
| Nora----- | 35 | Fair Low content of organic matter Water erosion | 0.50 0.90 | Poor Low strength Slope Shrink-swell | 0.00 0.50 0.87 | Poor Slope | 0.00 |
| CsD: Crofton----- | 50 | Fair Low content of organic matter Water erosion | 0.12 0.90 | Poor Low strength | 0.00 | Fair Slope | 0.37 |
| Shindler----- | 30 | Fair Low content of organic matter Water erosion | 0.12 0.99 | Poor Low strength Shrink-swell | 0.00 0.87 | Fair Slope | 0.37 |
| DcA: Davis----- | 85 | Good | | Poor Low strength Shrink-swell | 0.00 0.97 | Good | |

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| Map symbol and soil name | Pct. of map unit | Potential source of reclamation material | | Potential source of roadfill | | Potential source of topsoil | |
|-----------------------------|---------------------------|---|--------------------------|--|--------------------------|--|--------------------------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| DcB: Davis----- | 80 | Good | | Poor Low strength Shrink-swell | 0.00 0.97 | Good | |
| DcC: Davis----- | 80 | Good | | Poor Low strength Shrink-swell | 0.00 0.97 | Good | |
| Dd: Davison----- | 45 | Fair Carbonate content Water erosion | 0.80 0.99 | Fair Low strength Shrink-swell Depth to saturated zone | 0.22 0.87 0.98 | Fair Carbonate content Depth to saturated zone | 0.80 0.98 |
| Crossplain----- | 40 | Poor Too clayey Low content of organic matter Water erosion | 0.00 0.12 0.99 | Poor Low strength Depth to saturated zone Shrink-swell | 0.00 0.00 0.69 | Poor Too Clayey Depth to saturated zone | 0.00 0.00 |
| DeA: Delmont----- | 45 | Poor Too sandy Low content of organic matter Droughty | 0.00 0.12 0.99 | Good | | Poor Too sandy Rock fragments Hard to reclaim | 0.00 0.00 0.32 |
| Enet----- | 35 | Fair Low content of organic matter | 0.12 | Good | | Fair Hard to reclaim | 0.82 |
| DeB: Delmont----- | 40 | Poor Too sandy Low content of organic matter Droughty | 0.00 0.12 0.99 | Good | | Poor Too sandy Rock fragments Hard to reclaim | 0.00 0.00 0.32 |

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| Map symbol and soil name | Pct. of map unit | Potential source of reclamation material | | Potential source of roadfill | | Potential source of topsoil | |
|-----------------------------|---------------------------|---|----------------------|---------------------------------------|-------|---|------------------------------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| Enet----- | 40 | Fair Low content of organic matter | 0.12 | Good | | Fair Hard to reclaim | 0.82 |
| DgC: Delmont----- | 45 | Poor Too sandy Low content of organic matter Droughty | 0.00 0.12 0.99 | Good | | Poor Too sandy Rock fragments Hard to reclaim | 0.00 0.00 0.32 |
| Talmo----- | 30 | Fair Low content of organic matter Too sandy Droughty | 0.12 0.30 0.81 | Good | | Poor Rock fragments Hard to reclaim Too sandy | 0.00 0.00 0.30 |
| DgD: Delmont----- | 40 | Poor Too sandy Low content of organic matter Droughty | 0.00 0.12 0.99 | Good | | Poor Too sandy Rock fragments Hard to reclaim Slope | 0.00 0.00 0.32 0.37 |
| Talmo----- | 35 | Fair Low content of organic matter Too sandy Droughty | 0.12 0.30 0.81 | Good | | Poor Rock fragments Hard to reclaim Too sandy Slope | 0.00 0.00 0.30 0.37 |
| DmA: Dempster----- | 80 | Fair Low content of organic matter | 0.12 | Fair Shrink-swell | 0.99 | Fair Hard to reclaim | 0.02 |
| DmB: Dempster----- | 80 | Fair Low content of organic matter | 0.12 | Fair Shrink-swell | 0.99 | Fair Hard to reclaim | 0.02 |

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| Map symbol and soil name | Pct. of map unit | Potential source of reclamation material | | Potential source of roadfill | | Potential source of topsoil | |
|-----------------------------|---------------------------|--|----------------------|--|--------------|--|----------------------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| DtB: Dempster----- | 65 | Fair Low content of organic matter | 0.12 | Fair Shrink-swell | 0.99 | Fair Hard to reclaim | 0.02 |
| Talmo----- | 25 | Fair Low content of organic matter Too sandy Droughty | 0.12 0.30 0.81 | Good | | Poor Rock fragments Hard to reclaim Too sandy | 0.00 0.00 0.30 |
| Dw: Dimo----- | 75 | Good | | Fair Depth to saturated zone Shrink-swell | 0.76 0.99 | Fair Hard to reclaim Depth to saturated zone | 0.08 0.76 |
| DxB: Dobalt----- | 85 | Fair Droughty | 0.98 | Fair Low strength | 0.78 | Good | |
| DyA: Dobalt----- | 70 | Fair Droughty | 0.98 | Fair Low strength | 0.78 | Good | |
| Bonilla----- | 25 | Fair Low content of organic matter | 0.12 | Poor Low strength Shrink-swell | 0.00 0.89 | Good | |
| EaB: Egan----- | 55 | Fair Low content of organic matter Water erosion | 0.12 0.90 | Poor Low strength Shrink-swell | 0.00 0.87 | Good | |
| Ethan----- | 30 | Fair Low content of organic matter Carbonate content Water erosion | 0.12 0.68 0.99 | Poor Low strength Shrink-swell | 0.00 0.87 | Fair Carbonate content | 0.68 |

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| Map symbol and soil name | Pct. of map unit | Potential source of reclamation material | | Potential source of roadfill | | Potential source of topsoil | |
|-----------------------------|---------------------------|--|----------------------|---------------------------------------|--------------|---------------------------------------|-------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| EeB: Egan----- | 35 | Fair Low content of organic matter Water erosion | 0.12 0.90 | Poor Low strength Shrink-swell | 0.00 0.87 | Good | |
| Ethan----- | 25 | Fair Low content of organic matter Carbonate content Water erosion | 0.12 0.68 0.99 | Poor Low strength Shrink-swell | 0.00 0.87 | Fair Carbonate content | 0.68 |
| Trent----- | 25 | Fair Water erosion Too clayey | 0.90 0.98 | Poor Low strength Shrink-swell | 0.00 0.87 | Fair Too Clayey | 0.89 |
| EfA: Egan----- | 50 | Fair Low content of organic matter Water erosion | 0.12 0.90 | Poor Low strength Shrink-swell | 0.00 0.87 | Good | |
| Trent----- | 30 | Fair Water erosion Too clayey | 0.90 0.98 | Poor Low strength Shrink-swell | 0.00 0.87 | Fair Too Clayey | 0.89 |
| EgB: Egan----- | 35 | Fair Low content of organic matter Water erosion | 0.12 0.90 | Poor Low strength Shrink-swell | 0.00 0.87 | Good | |
| Wentworth----- | 30 | Fair Low content of organic matter Water erosion | 0.50 0.90 | Poor Low strength Shrink-swell | 0.00 0.87 | Good | |
| Trent----- | 20 | Fair Water erosion Too clayey | 0.90 0.98 | Poor Low strength Shrink-swell | 0.00 0.87 | Fair Too Clayey | 0.89 |

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|-----------------------------|---------------------------|--|----------------------|--|----------------------|---|--------------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| EnA: Enet----- | 85 | Fair Low content of organic matter | 0.12 | Good | | Fair Hard to reclaim | 0.82 |
| EoA: Enet----- | 45 | Fair Low content of organic matter | 0.12 | Good | | Fair Hard to reclaim | 0.82 |
| Dimo----- | 35 | Good | | Fair Depth to saturated zone Shrink-swell | 0.76 0.99 | Fair Hard to reclaim Depth to saturated zone | 0.08 0.76 |
| EpD: Ethan----- | 45 | Fair Low content of organic matter Carbonate content Water erosion | 0.12 0.68 0.99 | Poor Low strength Shrink-swell | 0.00 0.87 | Fair Slope Carbonate content | 0.37 0.68 |
| Betts----- | 35 | Fair Low content of organic matter Carbonate content Water erosion | 0.12 0.92 0.99 | Poor Low strength Shrink-swell | 0.00 0.87 | Fair Slope Carbonate content | 0.37 0.92 |
| EsE: Ethan----- | 50 | Fair Low content of organic matter Carbonate content Water erosion | 0.12 0.68 0.99 | Poor Low strength Shrink-swell Slope | 0.00 0.87 0.92 | Poor Slope Carbonate content | 0.00 0.68 |
| Clarno----- | 30 | Fair Low content of organic matter Water erosion | 0.12 0.99 | Poor Low strength Shrink-swell | 0.00 0.87 | Fair Slope | 0.63 |

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|-----------------------------|---------------------------|--|----------------------|---------------------------------------|--------------|---------------------------------------|--------------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| EtD: Ethan----- | 50 | Fair Low content of organic matter Carbonate content Water erosion | 0.12 0.68 0.99 | Poor Low strength Shrink-swell | 0.00 0.87 | Fair Slope Carbonate content | 0.37 0.68 |
| Clarno----- | 30 | Fair Low content of organic matter Water erosion | 0.12 0.99 | Poor Low strength Shrink-swell | 0.00 0.87 | Fair Slope | 0.37 |
| EuC: Ethan----- | 45 | Fair Low content of organic matter Carbonate content Water erosion | 0.12 0.68 0.99 | Poor Low strength Shrink-swell | 0.00 0.87 | Fair Carbonate content | 0.68 |
| Egan----- | 35 | Fair Low content of organic matter Water erosion | 0.12 0.90 | Poor Low strength Shrink-swell | 0.00 0.87 | Good | |
| ExC: Ethan----- | 45 | Fair Low content of organic matter Carbonate content Water erosion | 0.12 0.68 0.99 | Poor Low strength Shrink-swell | 0.00 0.87 | Fair Carbonate content | 0.68 |
| Egan----- | 35 | Fair Low content of organic matter Water erosion | 0.12 0.90 | Poor Low strength Shrink-swell | 0.00 0.87 | Good | |
| FaA: Flandreau----- | 85 | Fair Low content of organic matter | 0.12 | Good | | Good | |

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|-----------------------------|---------------------------|--|------------------------------|---------------------------------------|--------------|---------------------------------------|-------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| FaB: Flandreau----- | 85 | Fair Low content of organic matter | 0.12 | Good | | Good | |
| FtB: Flandreau----- | 60 | Fair Low content of organic matter | 0.12 | Good | | Good | |
| Thurman----- | 25 | Fair Low content of organic matter | 0.12 | Good | | Good | |
| GrA: Graceville----- | 80 | Good | | Poor Low strength Shrink-swell | 0.00 0.94 | Poor Hard to reclaim | 0.00 |
| GsB: Grovena----- | 80 | Fair Low content of organic matter Water erosion Carbonate content Too acid | 0.12 0.90 0.92 0.95 | Good | | Good | |
| GvA: Grovena----- | 65 | Fair Low content of organic matter Water erosion Carbonate content Too acid | 0.12 0.90 0.92 0.95 | Good | | Good | |
| Bonilla----- | 25 | Fair Low content of organic matter | 0.12 | Poor Low strength Shrink-swell | 0.00 0.89 | Good | |

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|-----------------------------|---------------------------|--|----------------------|---------------------------------------|--------------|---|------------------------------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| HoB: Houdek----- | 80 | Fair Low content of organic matter Carbonate content Water erosion | 0.12 0.97 0.99 | Poor Low strength Shrink-swell | 0.00 0.87 | Fair Carbonate content | 0.97 |
| HsC: Houdek----- | 65 | Fair Low content of organic matter Carbonate content Water erosion | 0.12 0.97 0.99 | Poor Low strength Shrink-swell | 0.00 0.87 | Fair Carbonate content | 0.97 |
| Shindler----- | 20 | Fair Low content of organic matter Water erosion | 0.12 0.99 | Poor Low strength Shrink-swell | 0.00 0.87 | Good | |
| HsD: Houdek----- | 55 | Fair Low content of organic matter Carbonate content Water erosion | 0.12 0.97 0.99 | Poor Low strength Shrink-swell | 0.00 0.87 | Fair Slope Carbonate content | 0.37 0.97 |
| Shindler----- | 25 | Fair Low content of organic matter Water erosion | 0.12 0.99 | Poor Low strength Shrink-swell | 0.00 0.87 | Fair Slope | 0.37 |
| HtD: Houdek----- | 45 | Fair Low content of organic matter Carbonate content Water erosion | 0.12 0.97 0.99 | Poor Low strength Shrink-swell | 0.00 0.87 | Fair Slope Carbonate content | 0.37 0.97 |
| Talmo----- | 35 | Fair Low content of organic matter Too sandy Droughty | 0.12 0.30 0.81 | Good | | Poor Rock fragments Hard to reclaim Too sandy Slope | 0.00 0.00 0.30 0.37 |

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|-----------------------------|---------------------------|---|------------------------------|--|----------------------|---|----------------------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| HuA: Huntimer----- | 85 | Poor Too clayey Low content of organic matter Water erosion | 0.00 0.50 0.99 | Poor Low strength Shrink-swell | 0.00 0.12 | Poor Too Clayey | 0.00 |
| HuB: Huntimer----- | 80 | Poor Too clayey Low content of organic matter Water erosion | 0.00 0.50 0.99 | Poor Low strength Shrink-swell | 0.00 0.12 | Poor Too Clayey | 0.00 |
| IhA: Ihlen----- | 85 | Fair Depth to bedrock Water erosion Too clayey Droughty | 0.58 0.90 0.98 0.99 | Poor Depth to bedrock Low strength Shrink-swell | 0.00 0.00 0.97 | Fair Depth to bedrock Too Clayey | 0.58 0.93 |
| IrB: Ihlen----- | 60 | Fair Depth to bedrock Water erosion Too clayey Droughty | 0.58 0.90 0.98 0.99 | Poor Depth to bedrock Low strength Shrink-swell | 0.00 0.00 0.97 | Fair Depth to bedrock Too Clayey | 0.58 0.93 |
| Rock Outcrop, Hard-- | 25 | Not rated | | Not rated | | Not rated | |
| IrE: Ihlen----- | 45 | Fair Depth to bedrock Water erosion Too clayey Droughty | 0.58 0.90 0.98 0.99 | Poor Depth to bedrock Low strength Shrink-swell | 0.00 0.00 0.97 | Fair Slope Depth to bedrock Too Clayey | 0.04 0.58 0.93 |
| Rock Outcrop, Hard-- | 40 | Not rated | | Not rated | | Not rated | |

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|-----------------------------|---------------------------|---|-------|--|--------------|---------------------------------------|-------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| Ja: Janude----- | 90 | Fair Low content of organic matter | 0.12 | Good | | Good | |
| La: Lamo----- | 80 | Fair | | Poor | | Fair | |
| | | Low content of organic matter | 0.88 | Low strength | 0.00 | Depth to saturated zone | 0.53 |
| | | Water erosion | 0.90 | Depth to saturated zone Shrink-swell | 0.53 0.87 | | |
| Lb: Lamo----- | 75 | Fair | | Poor | | Fair | |
| | | Low content of organic matter | 0.88 | Low strength | 0.00 | Depth to saturated zone | 0.53 |
| | | Water erosion | 0.90 | Depth to saturated zone Shrink-swell | 0.53 0.87 | | |
| MdB: Moody----- | 80 | Fair | | Poor | | Good | |
| | | Water erosion | 0.90 | Low strength Shrink-swell | 0.00 0.95 | | |
| MgA: Moody----- | 40 | Fair | | Poor | | Good | |
| | | Water erosion | 0.90 | Low strength Shrink-swell | 0.00 0.95 | | |
| Gayville----- | 40 | Poor | | Good | | Poor | |
| | | Too alkaline | 0.00 | | | Salinity | 0.00 |
| | | Sodium content | 0.10 | | | Carbonate content | 0.97 |
| | | Low content of organic matter | 0.12 | | | Sodium content | 0.98 |
| | | Salinity | 0.88 | | | | |
| | | Water erosion | 0.90 | | | | |
| MnB: Moody----- | 45 | Fair | | Poor | | Good | |
| | | Water erosion | 0.90 | Low strength Shrink-swell | 0.00 0.95 | | |

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Construction Materials Table 2
Minnehaha County, South Dakota

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| Map symbol and soil name | Pct. of map unit | Potential source of reclamation material | | Potential source of roadfill | | Potential source of topsoil | |
|-----------------------------|---------------------------|---|--------------|--|----------------------|---------------------------------------|-------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| Nora----- | 30 | Fair Low content of organic matter Water erosion | 0.50 0.90 | Poor Low strength Shrink-swell | 0.00 0.87 | Good | |
| MnC: Moody----- | 50 | Fair Water erosion | 0.90 | Poor Low strength Shrink-swell | 0.00 0.95 | Good | |
| Nora----- | 25 | Fair Low content of organic matter Water erosion | 0.50 0.90 | Poor Low strength Shrink-swell | 0.00 0.87 | Good | |
| MtA: Moody----- | 50 | Fair Water erosion | 0.90 | Poor Low strength Shrink-swell | 0.00 0.95 | Good | |
| Trent----- | 40 | Fair Water erosion Too clayey | 0.90 0.98 | Poor Low strength Shrink-swell | 0.00 0.87 | Fair Too Clayey | 0.89 |
| NnC: Nora----- | 50 | Fair Low content of organic matter Water erosion | 0.50 0.90 | Poor Low strength Shrink-swell | 0.00 0.87 | Good | |
| Crofton----- | 30 | Fair Low content of organic matter Water erosion | 0.12 0.90 | Poor Low strength | 0.00 | Good | |
| Ob: Obert----- | 95 | Good | | Poor Depth to saturated zone Low strength Shrink-swell | 0.00 0.00 0.21 | Poor Depth to saturated zone | 0.00 |

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Construction Materials Table 2
Minnehaha County, South Dakota

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|-----------------------------|---------------------------|---|----------------------|--|----------------------|--|------------------------------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| Og: Orthents, Gravelly-- | 95 | Fair Low content of organic matter Too sandy | 0.12 0.14 | Poor Slope | 0.00 | Poor Rock fragments Slope Too sandy Hard to reclaim | 0.00 0.00 0.14 0.18 |
| Or: Orthents, Loamy----- | 90 | Fair Low content of organic matter Water erosion | 0.12 0.99 | Fair Low strength Shrink-swell | 0.22 0.87 | Good | |
| Ow: Orthents, Gravelly-- | 55 | Fair Low content of organic matter Too sandy | 0.12 0.14 | Poor Slope | 0.00 | Poor Rock fragments Slope Too sandy Hard to reclaim | 0.00 0.00 0.14 0.18 |
| Aquents, Gravelly--- | 35 | Fair Low content of organic matter Too sandy Droughty | 0.12 0.14 0.75 | Poor Depth to saturated zone | 0.00 | Poor Depth to saturated zone Rock fragments Too sandy Hard to reclaim | 0.00 0.00 0.14 0.18 |
| Pt: Rock Outcrop, Hard-- | 90 | Not rated | | Not rated | | Not rated | |
| Sa: Salmo----- | 75 | Fair Salinity Carbonate content Sodium content | 0.88 0.97 0.97 | Poor Depth to saturated zone Low strength Shrink-swell | 0.00 0.00 0.87 | Poor Depth to saturated zone Salinity Carbonate content | 0.00 0.00 0.97 |

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|-----------------------------|---------------------------|--|----------------------|---|----------------------|---|----------------------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| SdE: Shindler----- | 50 | Fair Low content of organic matter Water erosion | 0.12 0.99 | Poor Low strength Slope Shrink-swell | 0.00 0.00 0.87 | Poor Slope | 0.00 |
| Houdek----- | 25 | Fair Low content of organic matter Carbonate content Water erosion | 0.12 0.97 0.99 | Poor Low strength Slope Shrink-swell | 0.00 0.50 0.87 | Poor Slope Carbonate content | 0.00 0.97 |
| SnE: Shindler----- | 45 | Fair Low content of organic matter Water erosion | 0.12 0.99 | Poor Low strength Slope Shrink-swell | 0.00 0.00 0.87 | Poor Slope | 0.00 |
| Talmo----- | 35 | Fair Low content of organic matter Too sandy Droughty | 0.12 0.30 0.81 | Poor Slope | 0.00 | Poor Slope Rock fragments Hard to reclaim Too sandy | 0.00 0.00 0.30 |
| SpA: Splitrock----- | 90 | Fair Water erosion Too acid | 0.90 0.97 | Poor Low strength Shrink-swell | 0.00 0.87 | Good | |
| SpB: Splitrock----- | 85 | Fair Water erosion Too acid | 0.90 0.97 | Poor Low strength Shrink-swell | 0.00 0.87 | Good | |
| SsF: Steinauer----- | 40 | Fair Low content of organic matter Water erosion | 0.12 0.99 | Poor Slope Low strength Shrink-swell | 0.00 0.00 0.87 | Poor Slope | 0.00 |

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Construction Materials Table 2
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|-----------------------------|---------------------------|---|----------------------|--|----------------------|---|------------------------------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| Shindler----- | 35 | Fair Low content of organic matter Water erosion | 0.12 0.99 | Poor Slope Low strength Shrink-swell | 0.00 0.00 0.87 | Poor Slope | 0.00 |
| TdE: Talmo----- | 40 | Fair Low content of organic matter Too sandy Droughty | 0.12 0.30 0.81 | Poor Slope | 0.00 | Poor Slope Rock fragments Hard to reclaim Too sandy | 0.00 0.00 0.30 |
| Delmont----- | 35 | Poor Too sandy Low content of organic matter Droughty | 0.00 0.12 0.99 | Fair Slope | 0.50 | Poor Slope Too sandy Rock fragments Hard to reclaim | 0.00 0.00 0.00 0.32 |
| Te: Tetonka----- | 90 | Poor Too clayey Low content of organic matter Water erosion | 0.00 0.50 0.99 | Poor Depth to saturated zone Low strength Shrink-swell | 0.00 0.00 0.25 | Poor Depth to saturated zone Too Clayey | 0.00 0.00 |
| TfC: Thurman----- | 40 | Fair Low content of organic matter | 0.12 | Good | | Good | |
| Flandreau----- | 35 | Fair Low content of organic matter | 0.12 | Good | | Good | |
| TgD: Thurman----- | 40 | Fair Low content of organic matter | 0.12 | Good | | Fair Slope | 0.37 |

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| Map symbol and soil name | Pct. of map unit | Potential source of reclamation material | | Potential source of roadfill | | Potential source of topsoil | |
|-----------------------------|---------------------------|--|----------------------------------|--|----------------------|--|--------------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| Grovena----- | 35 | Fair Low content of organic matter Water erosion Carbonate content Too acid | 0.12 0.90 0.92 0.95 | Good | | Fair Slope | 0.37 |
| Tr: Trent----- | 80 | Fair Water erosion Too clayey | 0.90 0.98 | Poor Low strength Shrink-swell | 0.00 0.87 | Fair Too Clayey | 0.89 |
| W: Water----- | 100 | Not rated | | Not rated | | Not rated | |
| Wa: Wakonda----- | 45 | Fair Low content of organic matter Carbonate content Water erosion | 0.50 0.80 0.90 | Poor Low strength Shrink-swell | 0.00 0.87 | Fair Carbonate content | 0.80 |
| Chancellor----- | 35 | Poor Too clayey Low content of organic matter Water erosion | 0.00 0.50 0.90 | Poor Low strength Depth to saturated zone Shrink-swell | 0.00 0.00 0.12 | Poor Too Clayey Depth to saturated zone | 0.00 0.00 |
| WcA: Wentworth----- | 45 | Fair Low content of organic matter Water erosion | 0.50 0.90 | Poor Low strength Shrink-swell | 0.00 0.87 | Good | |
| Chancellor----- | 25 | Poor Too clayey Low content of organic matter Water erosion | 0.00 0.50 0.90 | Poor Low strength Depth to saturated zone Shrink-swell | 0.00 0.00 0.12 | Poor Too Clayey Depth to saturated zone | 0.00 0.00 |

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| Map symbol and soil name | Pct. of map unit | Potential source of reclamation material | | Potential source of roadfill | | Potential source of topsoil | |
|-----------------------------|---------------------------|--|--------------------------|--|--------------------------|--|------------------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| Wakonda----- | 20 | Fair Low content of organic matter Carbonate content Water erosion | 0.50 0.80 0.90 | Poor Low strength Shrink-swell | 0.00 0.87 | Fair Carbonate content | 0.80 |
| WhA: Wentworth----- | 55 | Fair Low content of organic matter Water erosion | 0.50 0.90 | Poor Low strength Shrink-swell | 0.00 0.87 | Good | |
| Trent----- | 30 | Fair Water erosion Too clayey | 0.90 0.98 | Poor Low strength Shrink-swell | 0.00 0.87 | Fair Too Clayey | 0.89 |
| WhB: Wentworth----- | 60 | Fair Low content of organic matter Water erosion | 0.50 0.90 | Poor Low strength Shrink-swell | 0.00 0.87 | Good | |
| Trent----- | 25 | Fair Water erosion Too clayey | 0.90 0.98 | Poor Low strength Shrink-swell | 0.00 0.87 | Fair Too Clayey | 0.89 |
| Wk: Whitewood----- | 80 | Fair Water erosion | 0.90 | Poor Low strength Depth to saturated zone Shrink-swell | 0.00 0.00 0.87 | Poor Depth to saturated zone | 0.00 |
| Wo: Worthing----- | 95 | Poor Too clayey Water erosion | 0.00 0.99 | Poor Depth to saturated zone Low strength Shrink-swell | 0.00 0.00 0.12 | Poor Too Clayey Depth to saturated zone | 0.00 0.00 |

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| Map symbol and soil name | Pct. of map unit | Potential source of reclamation material | | Potential source of roadfill | | Potential source of topsoil | |
|-----------------------------|---------------------------|---|--------------|--|----------------------|---|--------------|
| | | Rating class and limiting features | Value | Rating class and limiting features | Value | Rating class and limiting features | Value |
| Wr: Worthing----- | 45 | Poor Too clayey Water erosion | 0.00 0.99 | Poor Depth to saturated zone Low strength Shrink-swell | 0.00 0.00 0.12 | Poor Too Clayey Depth to saturated zone | 0.00 0.00 |
| Davison----- | 35 | Fair Carbonate content Water erosion | 0.80 0.99 | Fair Low strength Shrink-swell Depth to saturated zone | 0.22 0.87 0.98 | Fair Carbonate content Depth to saturated zone | 0.80 0.98 |

